

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 90 | 438/930.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:35 |
| L2 | 1085 | 438/30.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:36 |
| L3 | 442 | 2 and (groove\$1 or hole\$1) and (heat\$3 or thermal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:39 |
| L4 | 278 | 2 and (grow\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:42 |
| L5 | 113394 | (crystal\$5 near10 grow\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:43 |
| L6 | 71566 | 5 and (thermal or heat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:44 |
| L7 | 22754 | 6 and (groov\$3 or hole\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:51 |
| L8 | 1461 | 7 and (group near3 crystal\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 11:54 |
| L9 | 137 | 8 and (width near10 (hole\$1 or trench\$2 or groov\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 12:05 |

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| L10 | 396 | 438/603,604.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 12:05 |
| S1 | 81910 | metal near2 (etch\$3 or pattern\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/03 10:56 |
| S2 | 1871 | S1 and (metal same (plurality near3 (hole\$1 or groove\$1 or trench\$2 or recess\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 02:05 |
| S3 | 20 | S2 and ((irregular or indefinite) near2 shape\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 02:06 |
| S4 | 81910 | metal near2 (etch\$3 or pattern\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:33 |
| S5 | 1871 | S4 and (metal same (plurality near3 (hole\$1 or groove\$1 or trench\$2 or recess\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:33 |
| S6 | 20 | S5 and ((irregular or indefinite) near2 shape\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 14:12 |
| S7 | 0 | "438602,603".ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:35 |
| S8 | 332 | "438/602,603".ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:35 |
| S9 | 1026 | 438/30.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:35 |

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| S10 | 1409 | 257/189,200.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:36 |
| S11 | 715 | S10 and (heat or thermal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:36 |
| S12 | 542 | S11 and metal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:36 |
| S13 | 159 | S9 and (metal same (heat or thermal)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:36 |
| S14 | 41600 | ((irregular or indefinite) near2 shape\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 12:37 |
| S15 | 547 | S14 and metal same (groove\$1 or hole\$1) and crystal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 13:19 |
| S16 | 127459 | crystal\$6 same grow\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 13:21 |
| S17 | 11296 | S16 and (group near3 compound\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 13:21 |
| S18 | 2517 | S17 and (metal same (heat or thermal) or (heat adj treatmetn) or (thermal adj treatment)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 14:01 |
| S19 | 4 | S18 and (metal same ((irregular or indefinte or abnormal) adj shape\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/20 14:02 |

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| S20 | 6611 | metal.clm. and ((heat adj treatment). clm. or (thermal adj treatment).clm.) | US-PGPUB; USPAT | OR | OFF | 2007/01/20 14:13 |
| S21 | 933 | S20 and (hole\$1.clm. or groove\$1.clm. or recess\$2.clm. or cavities.clm.) | US-PGPUB; USPAT | OR | OFF | 2007/01/20 14:14 |
| S22 | 69 | S21 and grow\$3.clm. | US-PGPUB; USPAT | OR | OFF | 2007/01/20 15:30 |
| S23 | 183 | (group adj3 compound) near4 buffer | US-PGPUB; USPAT | OR | OFF | 2007/01/20 15:31 |
| S24 | 177 | S23 and (buffer near2 (layer or film)) | US-PGPUB; USPAT | OR | OFF | 2007/01/20 15:32 |
| S25 | 87 | S23 and (buffer near2 (layer or film)). clm. | US-PGPUB; USPAT | OR | OFF | 2007/01/20 16:09 |
| S26 | 0 | S25 and Ga\$1Al\$1In | US-PGPUB; USPAT | OR | OFF | 2007/01/20 16:09 |
| S27 | 0 | S25 and Ga\$1Al\$1In\$1 | US-PGPUB; USPAT | OR | OFF | 2007/01/20 16:09 |
| S28 | 0 | S25 and gaalin | US-PGPUB; USPAT | OR | OFF | 2007/01/20 16:09 |